

CLAIM AMENDMENTS

Claims 1-44 (canceled).

Claim 45 (new): A Light Emitting Diode (LED) illuminating module, comprising:

a supporting frame having a top surface and an elongated reflective channel indented on said top surface and defining a peripheral reflective wall inclinedly extended from a bottom wall of said reflective channel;

an illumination unit comprising a light circuit supported by said supporting frame and a plurality of illuminators which are electrically mounted to said light circuit and spacedly aligned along said reflective channel, wherein a head portion of each of said illuminators is outwardly protruded from said top surface of said supporting frame to dispose within said reflective channel, wherein each of said illuminators forms as a point of light source for radially emitting light towards said reflective wall, such that said reflective wall reflectively accumulates said lights of said illuminators at radial direction within said reflective channel, so as to merge said points of light source to form a line of light source along said reflective channel for illumination; and

a sealing housing sealedly mounted below said supporting frame to define a receiving cavity therewithin to sealedly receive said light circuit.

Claim 46 (new): The LED illuminating module, as recited in claim 45, wherein said supporting frame further has a plurality of guiding through holes spacedly formed on said top surface such that said head portions of said illuminators are protruded from said receiving cavity of said sealing housing to said reflective channel through said guiding through holes respectively so as to retain said illuminators in position.

Claim 47 (new): A Light Emitting Diode (LED) illuminating module, comprising:

a supporting frame having a top surface and an elongated reflective channel indented on said top surface and defining a peripheral reflective wall inclinedly extended from a bottom wall of said reflective channel;

an illumination unit comprising a light circuit supported by said supporting frame and a plurality of illuminators which are electrically mounted to said light circuit and

spacedly aligned along said reflective channel, wherein a head portion of each of said illuminators is outwardly protruded from said top surface of said supporting frame to dispose within said reflective channel, wherein each of said illuminators forms as a point of light source for radially emitting light towards said reflective wall, such that said reflective wall reflectively accumulates said lights of said illuminators at radial direction within said reflective channel, so as to merge said points of light source to form a line of light source along said reflective channel for illumination, wherein said reflective wall has a height allowing said reflective wall to reflect said light from each of said illuminators radially projecting to said reflective wall, such that said reflective wall is adapted for reflectively accumulating said lights of said illuminators at radial direction within said reflective channel, wherein said reflective wall, having a reflective inclination angle corresponding with a projecting angle of each of said illuminators, is continuously extended to surround said reflective channel as a peripheral sidewall thereof to reflectively accumulate said lights of said illuminators within said reflective channel; and

a sealing housing sealedly mounted below said supporting frame to define a receiving cavity therewithin to sealedly receive said light circuit.

Claim 48 (new): A Light Emitting Diode (LED) illuminating module, comprising:

a supporting frame having a top surface and an elongated reflective channel indented on said top surface and defining a peripheral reflective wall inclinedly extended from a bottom wall of said reflective channel;

an illumination unit comprising a light circuit supported by said supporting frame and a plurality of illuminators which are electrically mounted to said light circuit and spacedly aligned along said reflective channel, wherein a head portion of each of said illuminators is outwardly protruded from said top surface of said supporting frame to dispose within said reflective channel, wherein each of said illuminators forms as a point of light source for radially emitting light towards said reflective wall, such that said reflective wall reflectively accumulates said lights of said illuminators at radial direction within said reflective channel, so as to merge said points of light source to form a line of light source along said reflective channel for illumination, wherein said reflective wall has a height allowing said reflective wall to reflect said light from each of said illuminators radially projecting to said reflective wall, such that said reflective wall is adapted for

reflectively accumulating said lights of said illuminators at radial direction within said reflective channel, wherein said reflective wall, having a reflective inclination angle corresponding with a projecting angle of each of said illuminators, is continuously extended to surround said reflective channel as a peripheral sidewall thereof to reflectively accumulate said lights of said illuminators within said reflective channel, wherein said reflective inclination angle of said reflective wall is larger than 90° and smaller than 180° with respect to said bottom wall of said reflective channel, wherein said bottom wall of said reflective channel is a flat surface adapted for reflectively accumulating said lights from said illuminators within said reflective channel, so as to enhance said points of light source to be merged to form said line of light source along said reflective channel; and

a sealing housing sealedly mounted below said supporting frame to define a receiving cavity therewithin to sealedly receive said light circuit.

Claim 49 (new): The LED illuminating module, as recited in claim 48, wherein said supporting frame further has a light reflective layer coated on said peripheral side wall and said bottom wall to form said reflective channel.

Claim 50 (new): The LED illuminating module, as recited in claim 48, wherein said supporting frame further has a plurality of guiding through holes spacedly formed on said top surface such that said head portions of said illuminators are protruded from said receiving cavity of said sealing housing to said reflective channel through said guiding through holes respectively so as to retain said illuminators in position.

Claim 51 (new): The LED illuminating module, as recited in claim 49, wherein said supporting frame further has a plurality of guiding through holes spacedly formed on said top surface such that said head portions of said illuminators are protruded from said receiving cavity of said sealing housing to said reflective channel through said guiding through holes respectively so as to retain said illuminators in position.

Claim 52 (new): The LED illuminating module, as recited in claim 50, further comprising means for electrically connecting said light circuit to a power source.